

AMENDMENT TO THE SPECIFICATION

Please replace the paragraph going from page 31, line 27 through page 32, line 9 with the following replacement paragraph:

FIG. 8 and FIG. 9 are side lateral views illustrating an embodiment in which a slider 810 is suspended from a head assembly (not depicted) above a media surface 880, within a data storage system similar to data storage system 100 depicted in FIG. 3. Slider 810 includes substrate 850, transducer 890 which includes transducer tip 891, and hydrodynamic surface 821 which includes responsive aerodynamic deposit 838. ~~Slide~~ Slider fly height 894 is depicted, defined as the displacement between the slider 810 and the media surface 880. Transducer tip height 892 is also depicted, defined as the extension of transducer tip 891 from the plane of the substrate 850. Transducer tip 891 and responsive aerodynamic deposit 838 are relatively not significantly extended in FIG. 8, indicating a low level of the relevant stimulus to which their coefficient of expansion is intended.

Please replace the paragraph going from page 32, line 10 through page 33, line 4 with the following replacement paragraph:

FIG. 9 depicts the embodiment of FIG. 8 being exposed to laser beam 999, directed toward responsive aerodynamic deposit 838, from a direction substantially axially parallel to the support axis of the head assembly (not depicted), consistent with a mirror associated with the support structure being used to direct the laser beam 999 at the responsive aerodynamic deposit 838. Slider 810 is also active in writing and reading information through transducer tip 891 to and from media surface 880, generating a significant level of heat in transducer tip 891 and transducer 890. The relevant stimulus for this embodiment, responsively to which the coefficient of expansion of the responsive aerodynamic deposit 838 (as well as of the transducer tip 891) is greater than the coefficient of expansion of the substrate, includes heat. The relevant stimulus also includes electromagnetic radiation in this embodiment, particularly in the form of locally generated laser beam 999. This may be due either to the responsiveness of the responsive aerodynamic deposit 838 to thermal expansion, to photostrictive expansion, or a combination of the two. Because a relevant

stimulus of an embodiment includes one specific form of stimulus does not exclude it from including other forms of stimulus as well, so that the slider components may have a coefficient of expansion that is responsive to a combination of factors, arising either unavoidably or intentionally. Due to the responsive expansion of responsive aeroelastic deposit 838 and transducer tip 896, the ~~slide~~ slider fly height ~~894~~ 898 and transducer tip height ~~892~~ 896 have both increased at a substantially similar rate, in this embodiment. Other relative coefficients of expansion responsive to various relevant stimuli, and other relative rates of expansion, are to be found in other embodiments.